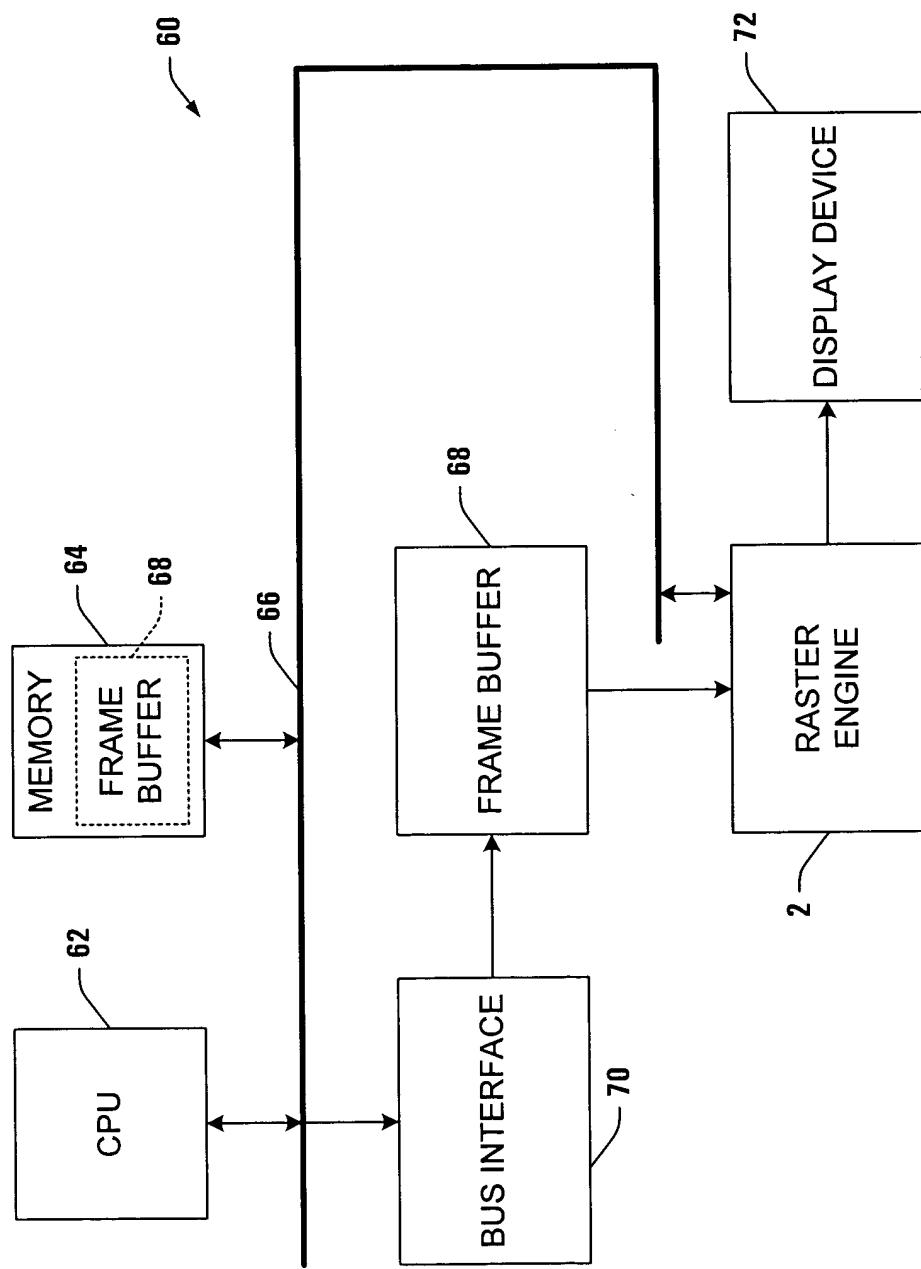
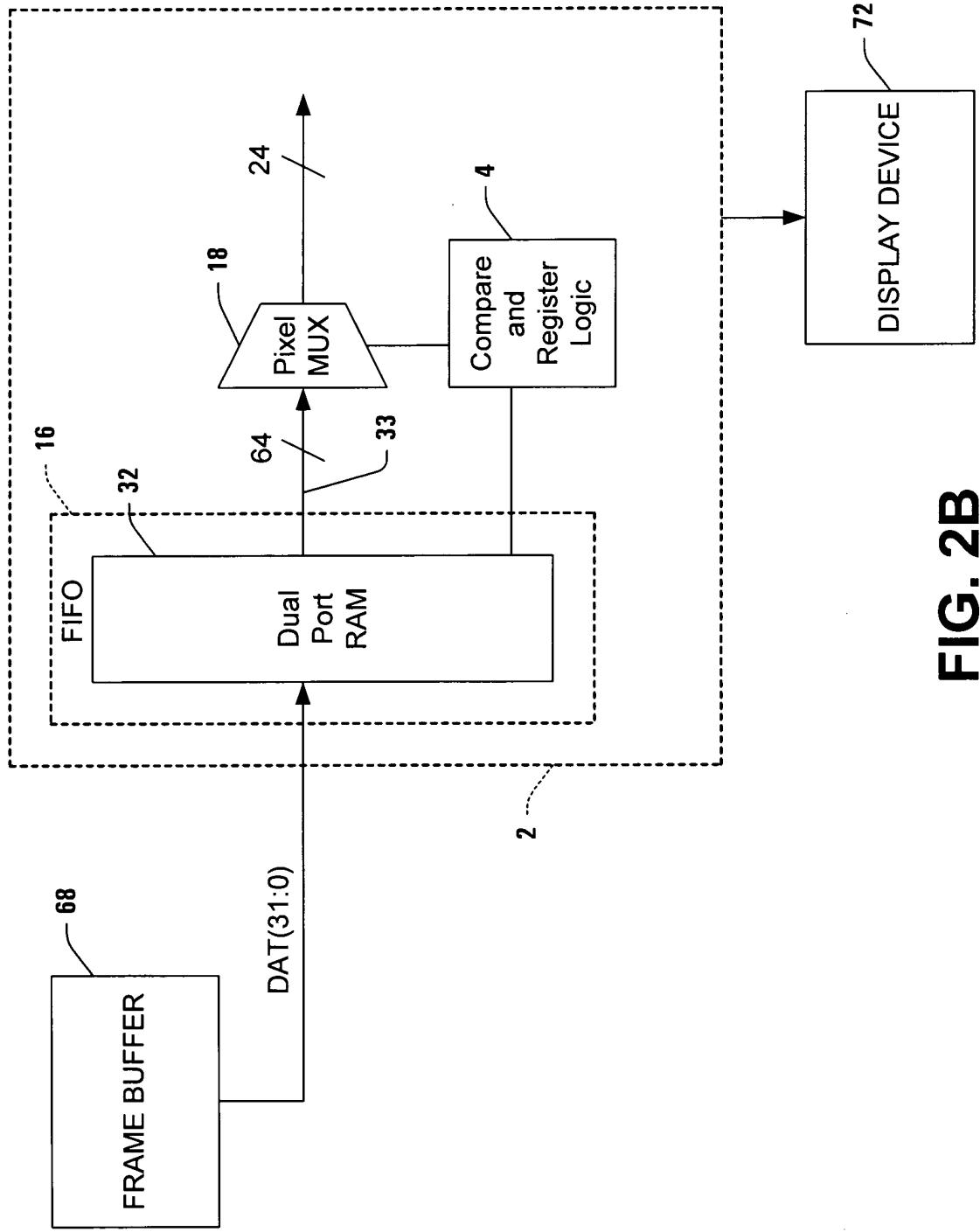


**FIG. 1**

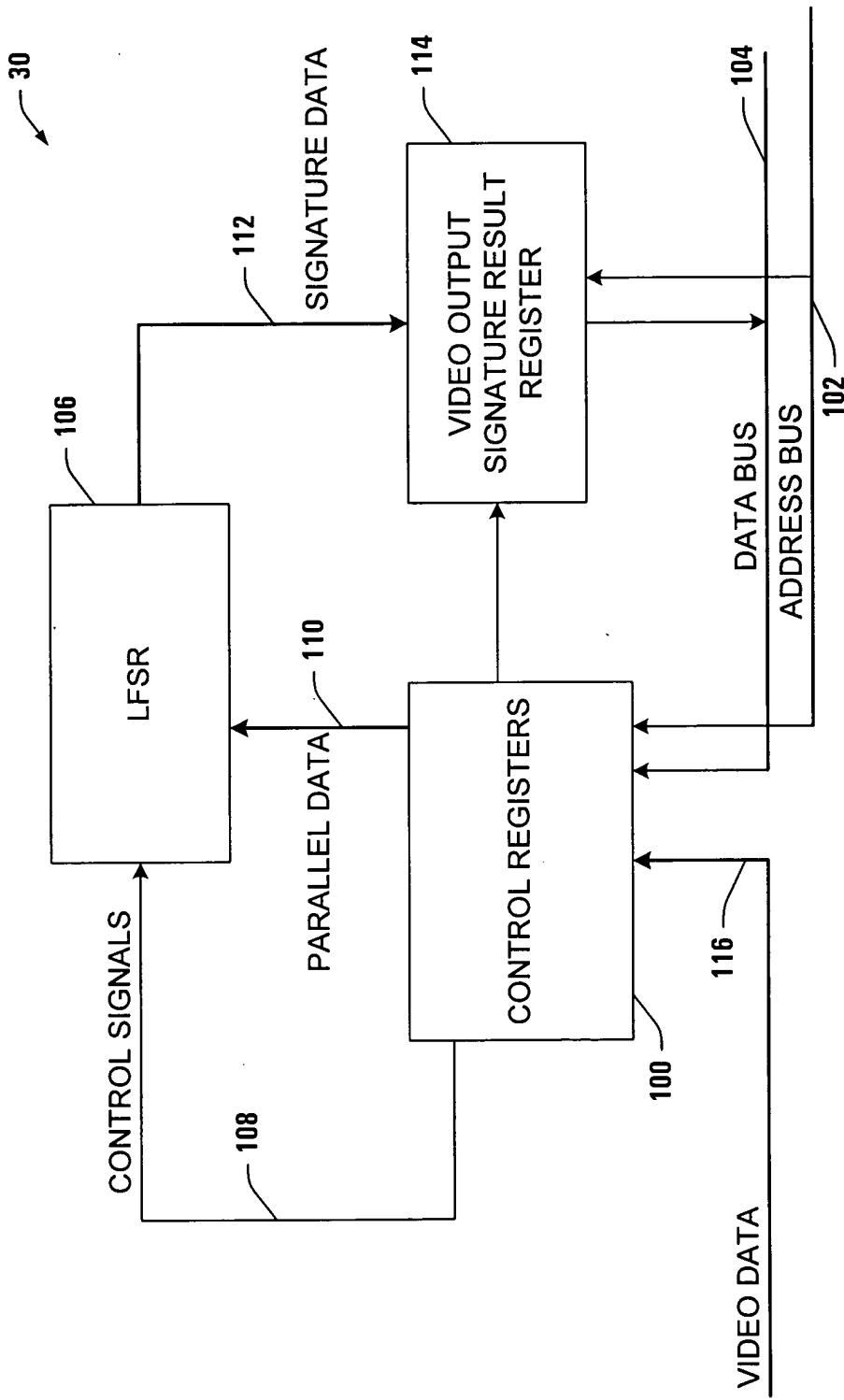
**FIG. 2A**





**FIG. 2B**

**FIG. 3**



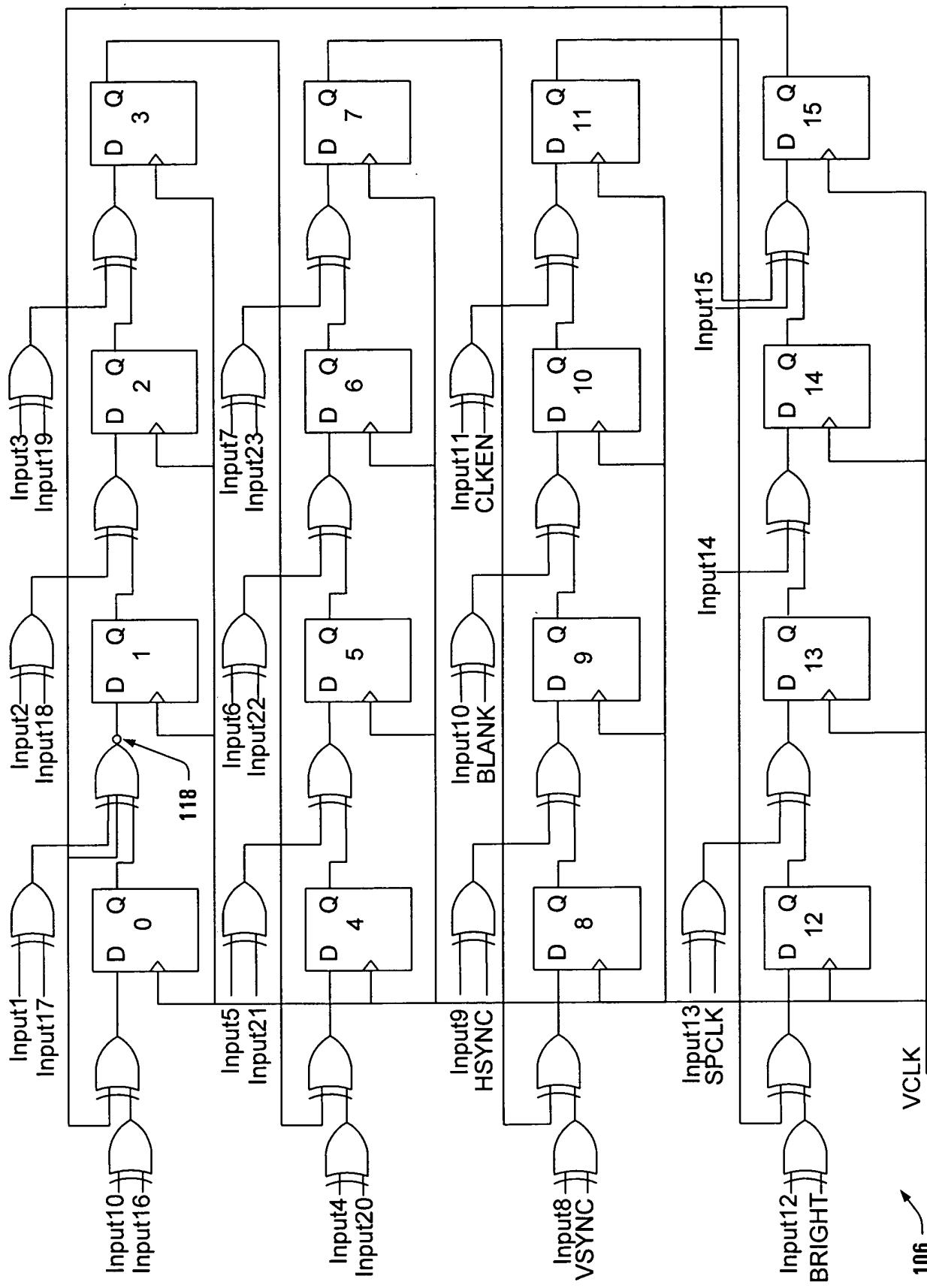


FIG. 4

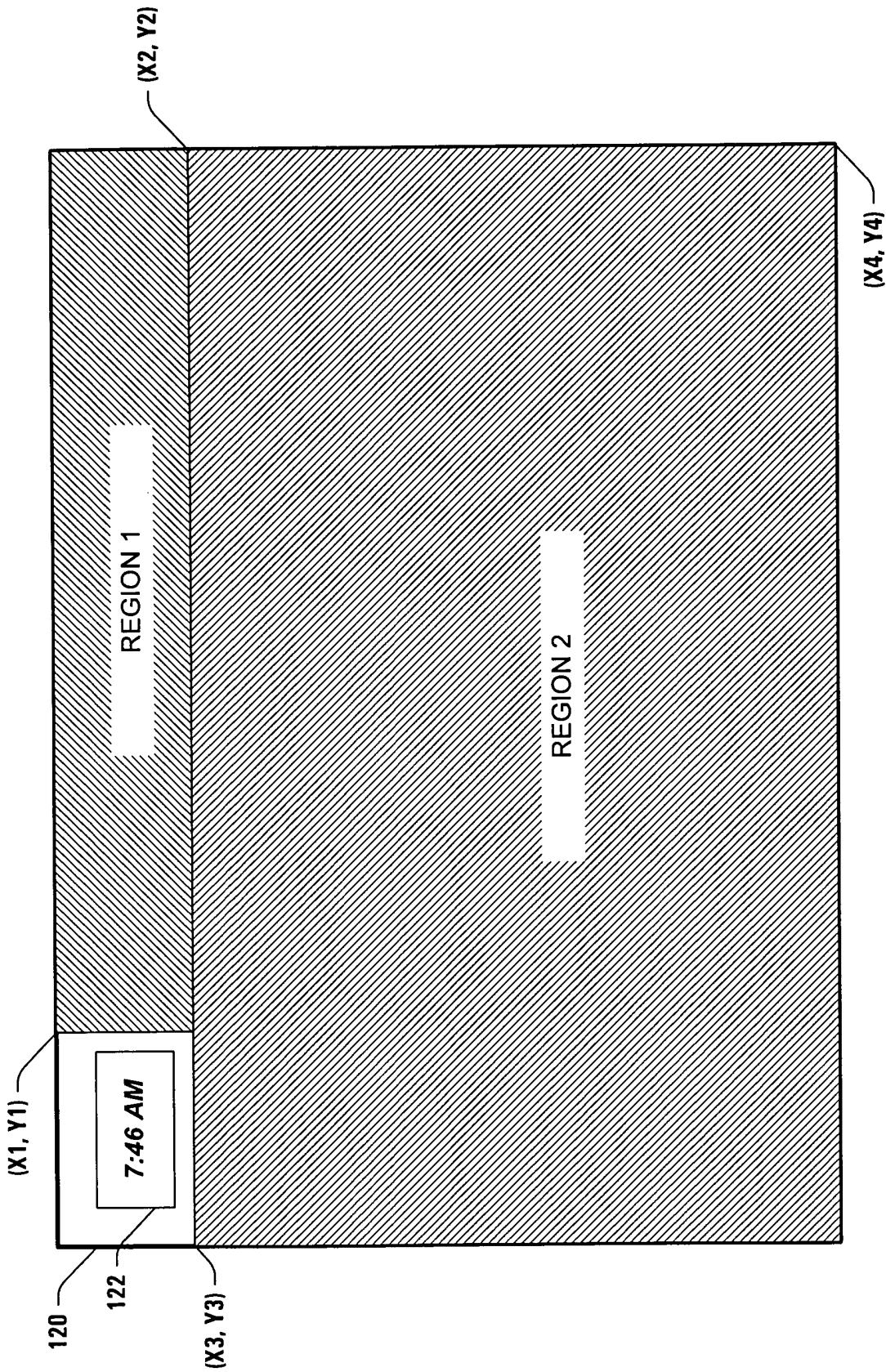


FIG. 5

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD															
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SIG VAL															

SIGVAL

130 →

## FIG. 6A

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
EN	RSVD	SPCLK	BRIGHT	CLKEN	BLANK	HSYNC	VSYNC	PEN							
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN
RSVD	RSVD	RSVD	RSVD	RSVD	STOP <sub>10</sub>	STOP <sub>9</sub>	STOP <sub>8</sub>	STOP <sub>7</sub>	STOP <sub>6</sub>	STOP <sub>5</sub>	STOP <sub>4</sub>	STOP <sub>3</sub>	STOP <sub>2</sub>	STOP <sub>1</sub>	STOP <sub>0</sub>

SIGCTL

132 →

**FIG. 6B**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	START <sub>9</sub>	START <sub>8</sub>	START <sub>7</sub>	START <sub>6</sub>	START <sub>5</sub>	START <sub>4</sub>	START <sub>3</sub>	START <sub>2</sub>	START <sub>1</sub>	START <sub>0</sub>	
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

RSVD	RSVD	RSVD	RSVD	START <sub>10</sub>	START <sub>9</sub>	START <sub>8</sub>	START <sub>7</sub>	START <sub>6</sub>	START <sub>5</sub>	START <sub>4</sub>	START <sub>3</sub>	START <sub>2</sub>	START <sub>1</sub>	START <sub>0</sub>	
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

VSIGSTRSTOP

134 →

**FIG. 6C**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	STOP 10	STOP 9	STOP 8	STOP 7	STOP 6	STOP 5	STOP 4	STOP 3	STOP 2	STOP 1	STOP 0

HSIGSTRTSTOP

136 →

**FIG. 6D**

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	START 10	START 9	START 8	START 7	START 6	START 5	START 4	START 3	START 2	START 1	START 0

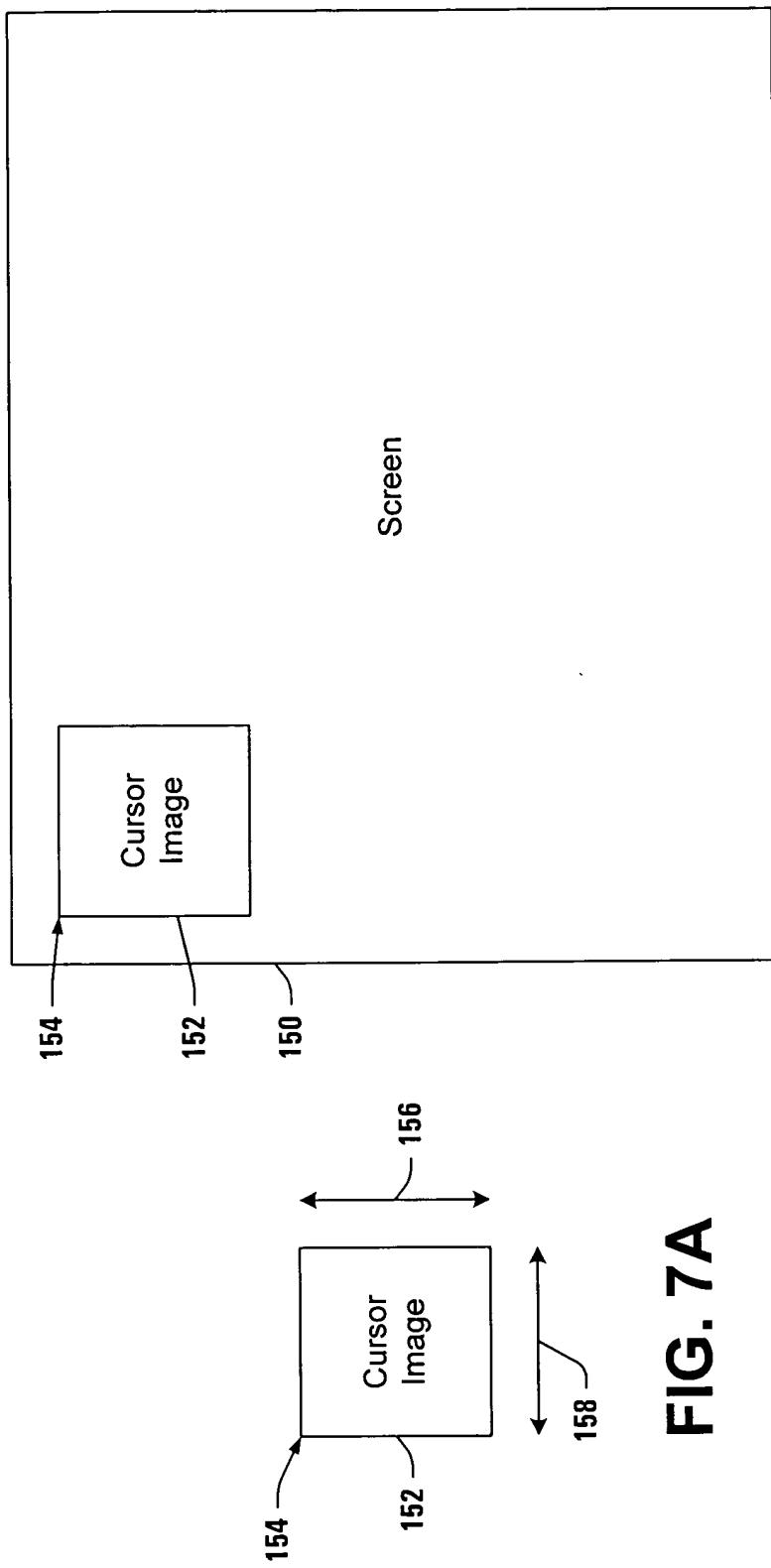
31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	VCLR 10	VCLR 9	VCLR 8	VCLR 7	VCLR 6	VCLR 5	VCLR 4	VCLR 3	VCLR 2	VCLR 1	VCLR 0

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	HCLR 10	HCLR 9	HCLR 8	HCLR 7	HCLR 6	HCLR 5	HCLR 4	HCLR 3	HCLR 2	HCLR 1	HCLR 0

SIGCLR

138 →

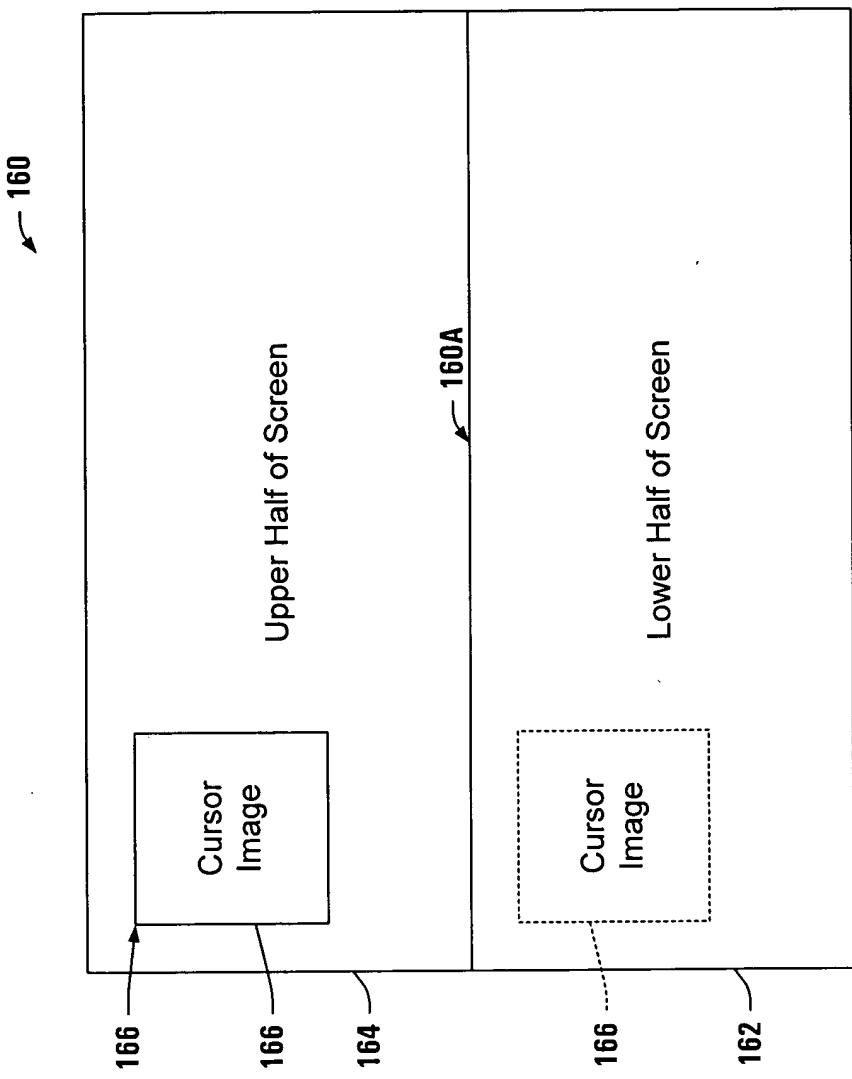
**FIG. 6E**



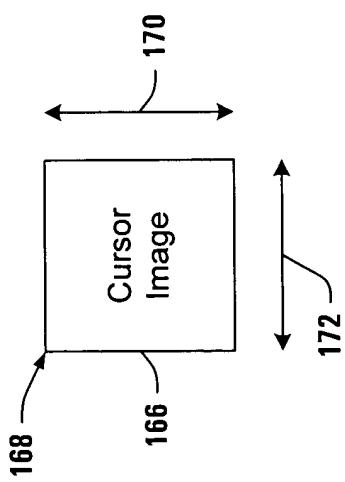
**FIG. 7A**

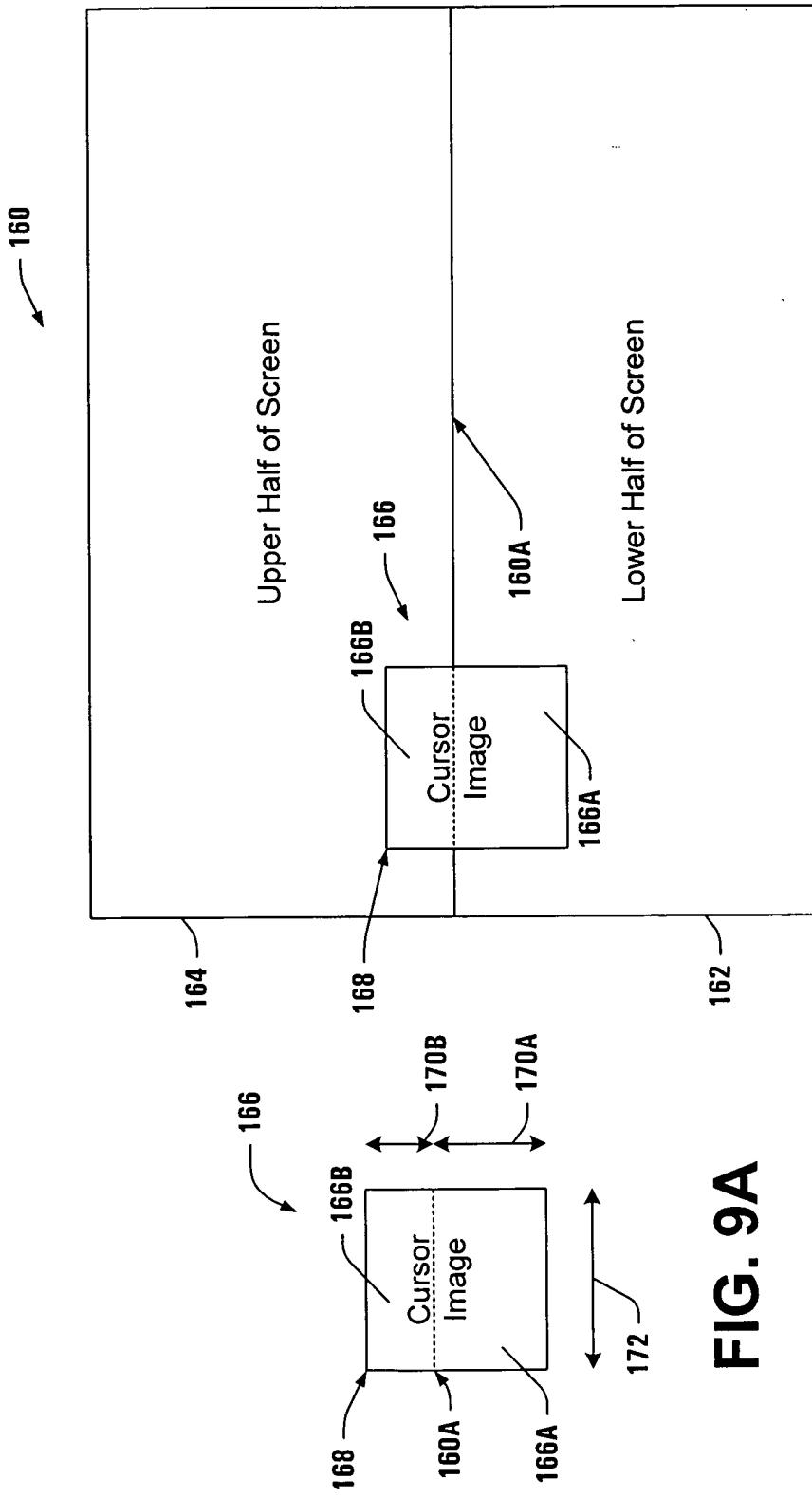
**FIG. 7B**

**FIG. 8B**



**FIG. 8A**

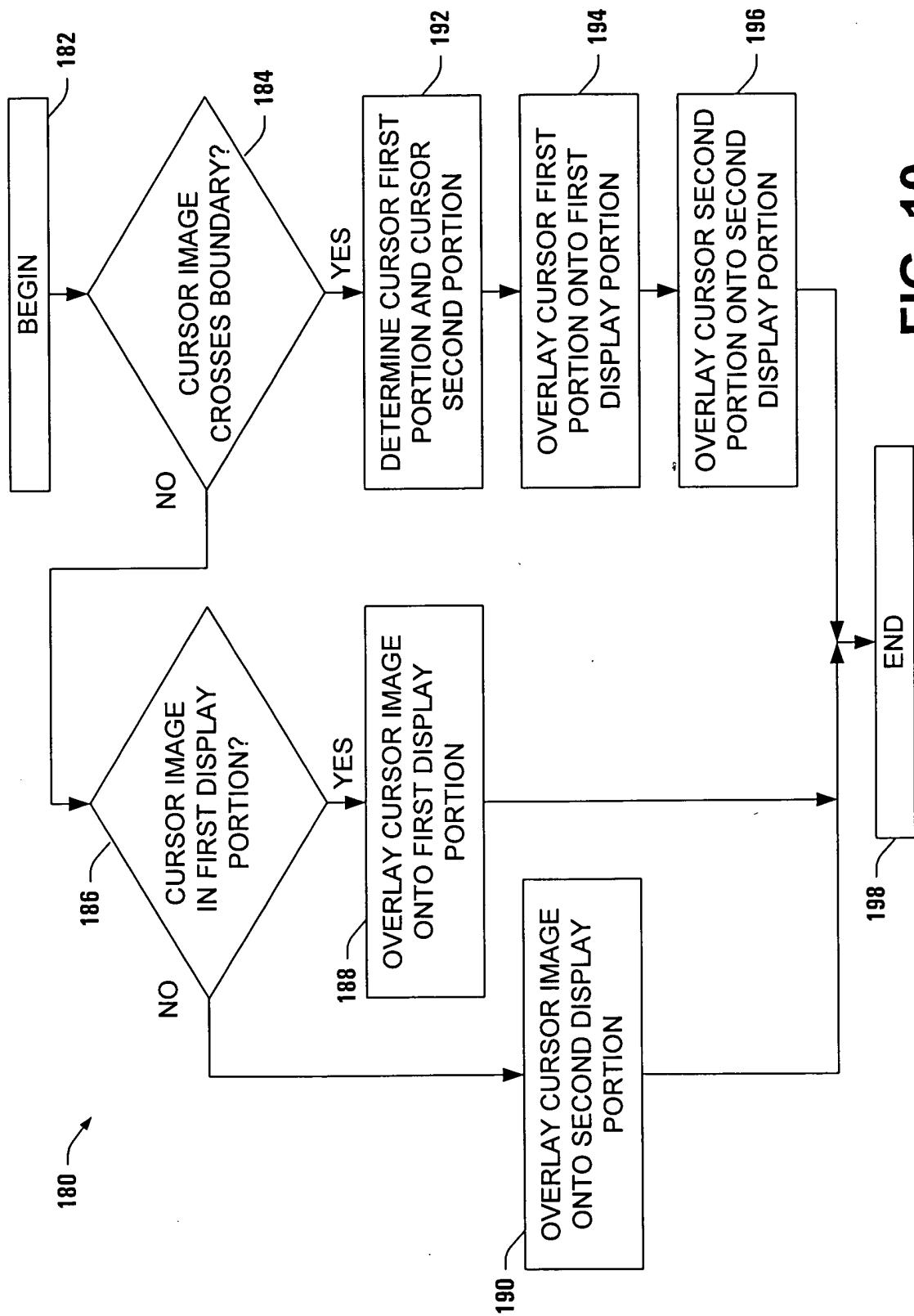




**FIG. 9A**

**FIG. 9B**

**FIG. 10**



ପ୍ରକାଶକ ମନ୍ତ୍ରୀ

CURSOR\_ADR\_START

**FIG. 11A**

200

**CURSORADR\_RESET**

# FIG. 1B

202

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
DLNS5	DLNS4	DLNS3	DLNS2	DLNS1	DLNS0	CSTEP 0	CSTEP 1	CLNS5	CLNS4	CLNS3	CLNS2	CLNS1	CLNS0	CLNS1	CLNS0

CURORSIZE

204 →

**FIG. 11C**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
COLO R															

CURSORCOLOR1  
CURSORCOLOR2  
CURSORLINK1  
CURSORLINK2

206 →

**FIG. 11D**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	YLOC <sub>10</sub>	YLOC <sub>9</sub>	YLOC <sub>8</sub>	YLOC <sub>7</sub>	YLOC <sub>6</sub>	YLOC <sub>5</sub>	YLOC <sub>4</sub>	YLOC <sub>3</sub>	YLOC <sub>2</sub>	YLOC <sub>1</sub>	YLOC <sub>0</sub>

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
CEN	RSVD	RSVD	RSVD	RSVD	XLOC <sub>10</sub>	XLOC <sub>9</sub>	XLOC <sub>8</sub>	XLOC <sub>7</sub>	XLOC <sub>6</sub>	XLOC <sub>5</sub>	XLOC <sub>4</sub>	XLOC <sub>3</sub>	XLOC <sub>2</sub>	XLOC <sub>1</sub>	XLOC <sub>0</sub>

CURSOR\_XYLOC

208 →

**FIG. 11E**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
CLHEN	RSVD	RSVD	RSVD	RSVD	YLOC <sub>10</sub>	YLOC <sub>9</sub>	YLOC <sub>8</sub>	YLOC <sub>7</sub>	YLOC <sub>6</sub>	YLOC <sub>5</sub>	YLOC <sub>4</sub>	YLOC <sub>3</sub>	YLOC <sub>2</sub>	YLOC <sub>1</sub>	YLOC <sub>0</sub>

CURSOR\_DHSCAN\_LH\_YLOC

210 →

**FIG. 11F**

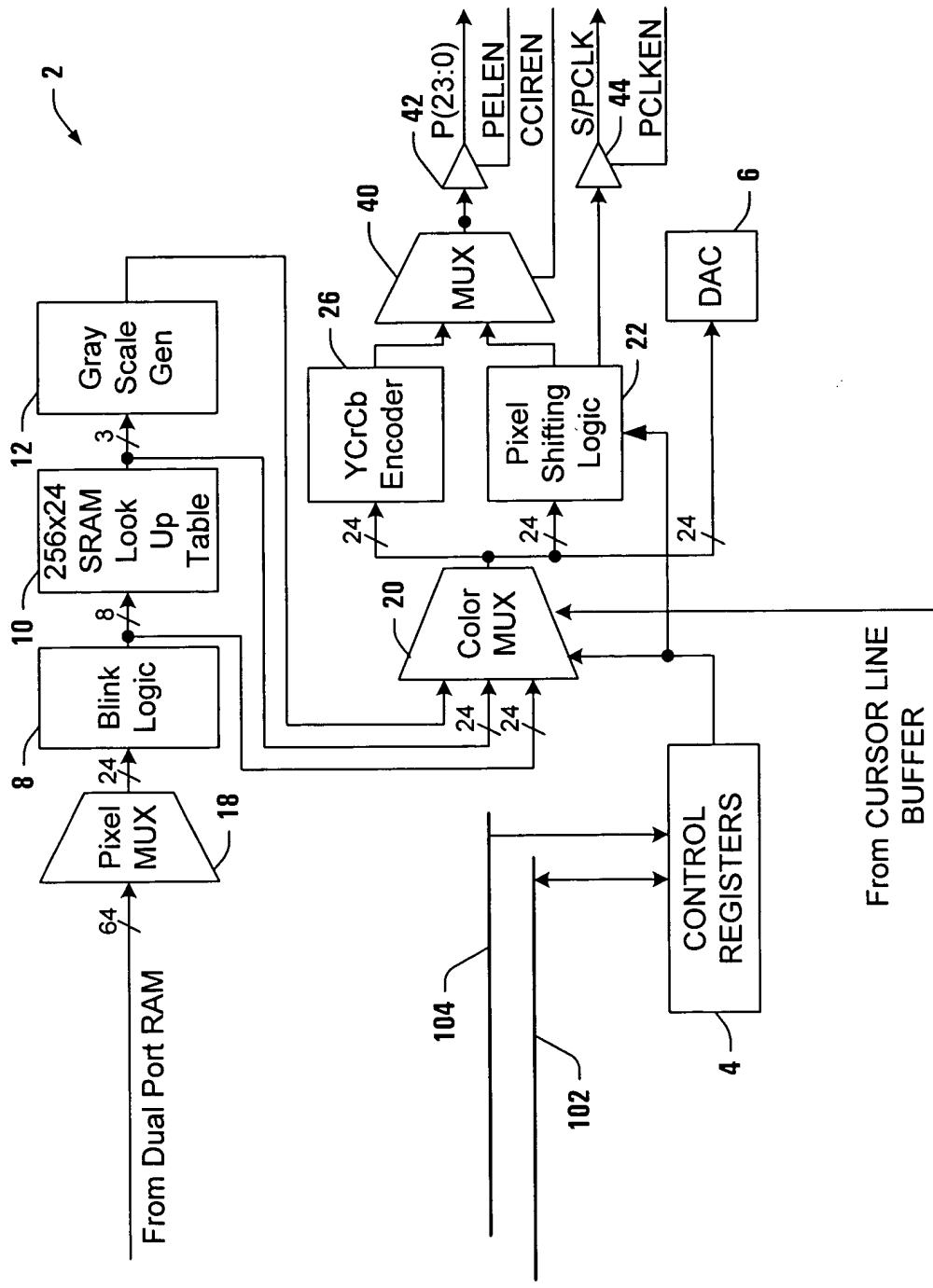
31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD															

CURSORLINK

212 →

## FIG. 11G



**FIG. 12**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	DSCA	C3	C2	C1	C0	M3	M2	M1	M0	S2	S1	S0	P2	P1	P0

PIXELMODE

230 →

**FIG. 13A**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD															

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD															

PARLLIFOOUT

232 →

**FIG. 13B**

	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	ESTR T3	ESTR T2	ESTR T1	ESTR T0	CNT3	CNT2	CNT1	CNT0								
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
RSVD	DAT	DAT	DAT	DAT	DAT	DAT	DAT	DAT								

PARLLIFIN

## FIG. 13C

shift mode	color mode	output mode	P(23)	P(22)	P(21)	P(20)	P(19)	P(18)	P(17)	P(16)	P(15)	P(14)	P(13)	P(12)	P(11)	P(10)	P(9)	P(8)	P(7)	P(6)	P(5)	P(4)	P(3)	P(2)	P(1)	P(0)			
0x0	0x0 0x4	single pixel per clock up to 24 bits wide	P(23) R(7)	P(22) R(6)	P(21) R(5)	P(20) R(4)	P(19) R(3)	P(18) R(2)	P(17) R(1)	P(16) R(0)	P(15) G(7)	P(14) G(6)	P(13) G(5)	P(12) G(4)	P(11) G(3)	P(10) G(2)	P(9) G(1)	P(8) G(0)	P(7) B(7)	P(6) B(6)	P(5) B(5)	P(4) B(4)	P(3) B(3)	P(2) B(2)	P(1) B(1)	P(0) B(0)			
0x0	0x0	single 16-bit 565 pixel per clock	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	R(2)	G(4)	G(3)	G(2)	G(1)	G(0)	G(5)	G(4)	G(3)	G(2)	B(3)	B(2)	B(1)	B(0)	B(4)	B(3)	P(2)			
0x0	0x6	single 16-bit 555 pixel per clock	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	R(2)	G(4)	G(3)	G(2)	G(1)	G(0)	G(4)	G(3)	G(2)	B(4)	B(3)	B(2)	B(1)	B(0)	B(4)	B(3)	P(2)			
0x1	0x0 0x4	single 24 bit pixel on 18 lines	X	X	X	X	X	X	X	R(7)	R(6)	R(5)	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	R(2)	R(1)	R(0)	R(3)	R(2)	R(1)	R(0)			
0x1	0x5	single 16-bit 565 pixel on 18 lines	X	X	X	X	X	X	X	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(5)	R(4)	R(3)	R(2)	R(1)	R(0)	R(3)	R(2)	R(1)	R(0)	R(4)			
0x1	0x6	single 16-bit 555 pixel on 18 lines	X	X	X	X	X	X	X	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	P(2)		
0x2	0x0	progressive scan	P(20)	P(19)	P(18)	P(17)	P(16)	P(15)	P(14)	P(13)	P(12)	P(11)	P(10)	P(9)	P(8)	P(7)	P(6)	P(5)	P(4)	P(3)	P(2)	P(1)	P(0)	P(4)	P(3)	P(2)			
0x2	0x8	2 pixels per shift clock	R(4) *	G(4) *	B(4) *	R(4) *	G(4) *	B(4) *	R(4) *	G(4) *	B(4) *	R(7)	G(6)	B(5)	R(7)	G(6)	B(5)	R(7)	G(6)	B(5)	R(7)	G(6)	B(5)	R(7)	G(6)	B(5)	P(5)		
		dual scan																											
			Lower	Lower	Upper	Upper	Upper	Upper	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower									
			P(20)	P(19)	P(18)	P(17)	P(16)	P(15)	P(21)	P(20)	P(19)	P(18)	P(17)	P(16)	P(15)	P(14)	P(13)	P(12)	P(11)	P(10)	P(9)	P(8)	P(7)	P(6)	P(5)	P(4)			
			R(4) *	G(4) *	B(4) *	R(4) *	G(4) *	B(4) *	R(7)	G(6)	B(5)	R(6)	G(5)	B(5)	R(7)	G(6)	B(5)	R(6)	G(5)	B(5)	R(7)	G(6)	B(5)	R(7)	G(6)	B(5)	P(5)		
0x3	0x0	progressive scan	P3(6)	P2(6)	P1(6)	P0(6)	PQ(4)	PQ(3)	PQ(2)	PQ(1)	PQ(0)	PQ(23)	PQ(22)	PQ(21)	PQ(20)	PQ(19)	PQ(18)	PQ(17)	PQ(16)	PQ(15)	PQ(14)	PQ(13)	PQ(12)	PQ(11)	PQ(10)	PQ(9)	PQ(8)		
0x3	0x8	4 pixels per shift clock	G3(6) *	B2(6) *	G1(6) *	B1(6) *	G0(6) *	B0(6) *	R(7)	G3(7) *	B3(7) *	R(6)	G3(6) *	B3(6) *	R(5)	G3(5) *	B3(5) *	R(4)	G3(4) *	B3(4) *	R(3)	G3(3) *	B3(3) *	R(2)	G3(2) *	B3(2) *	R(1)	G3(1) *	B3(1) *
		dual scan																											
			Lower	Lower	Upper	Upper	Upper	Upper	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower	Lower								
			P1(14)	P1(13)	P1(12)	P1(11)	P1(10)	P1(9)	P1(8)	P1(7)	P1(6)	P1(5)	P1(4)	P1(3)	P1(2)	P1(1)	P1(0)	P1(15)	P1(14)	P1(13)	P1(12)	P1(11)	P1(10)	P1(9)	P1(8)	P1(7)	P1(6)		
			P1(14)	P1(13)	P1(12)	P1(11)	P1(10)	P1(9)	P1(8)	P1(7)	P1(6)	P1(5)	P1(4)	P1(3)	P1(2)	P1(1)	P1(0)	P1(15)	P1(14)	P1(13)	P1(12)	P1(11)	P1(10)	P1(9)	P1(8)	P1(7)	P1(6)	P1(5)	

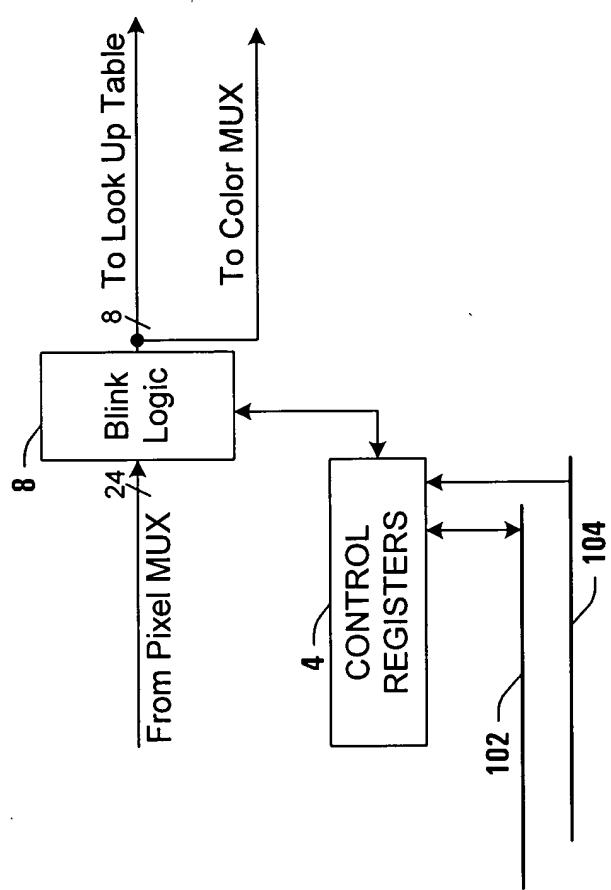
\* These bits are an ORed combination of the bit value shown and the next significant bit below (This rounds the color value to nearest color).

These bits do not get a substitute and are defined to the values controlled by the pixel output mode in the upper part of the table.

These bits are pinned out in certain variants only. These bits are not given a substitute name as defined to the values contained by the pixel output stored in the upper part of the name.

\*\*\* SET PICTURE MODE P119851 HIGH TO 11186 THESE PINS AS GND/HI.

**FIG. 14B**



**FIG. 15**

BLINKRATE

**FIG. 16A**

250

## BLINKMASK

**FIG. 16B**

	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD																
MASK																
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	

252

	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD																

BLINKPATRN

254 →

**FIG. 16C**

	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
PATRN																

	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD																

	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
P MASK																

PATTERNMASK

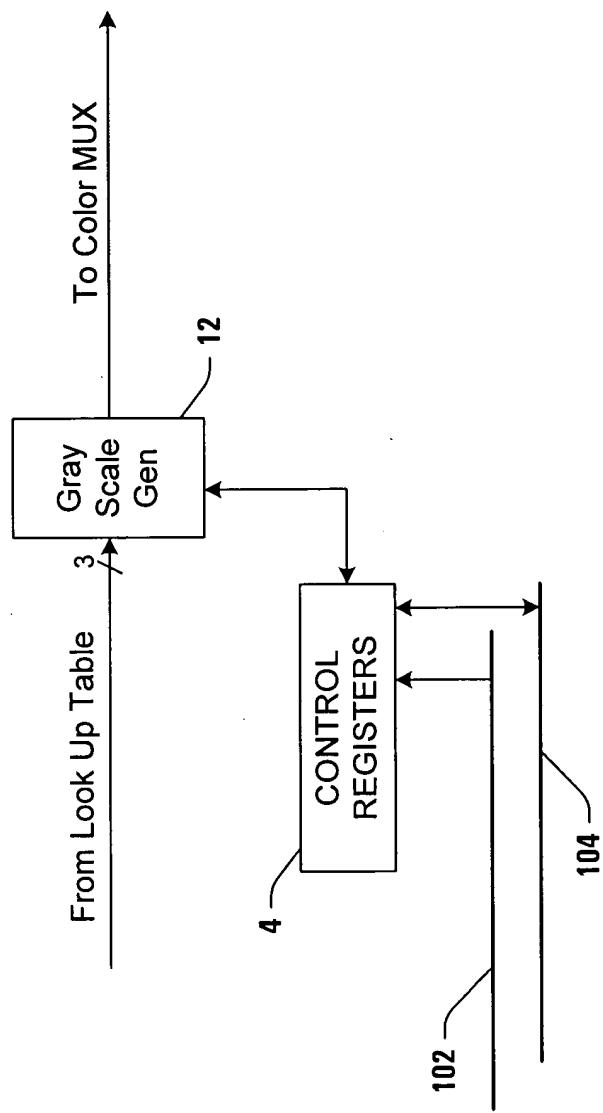
256 →

**FIG. 16D**

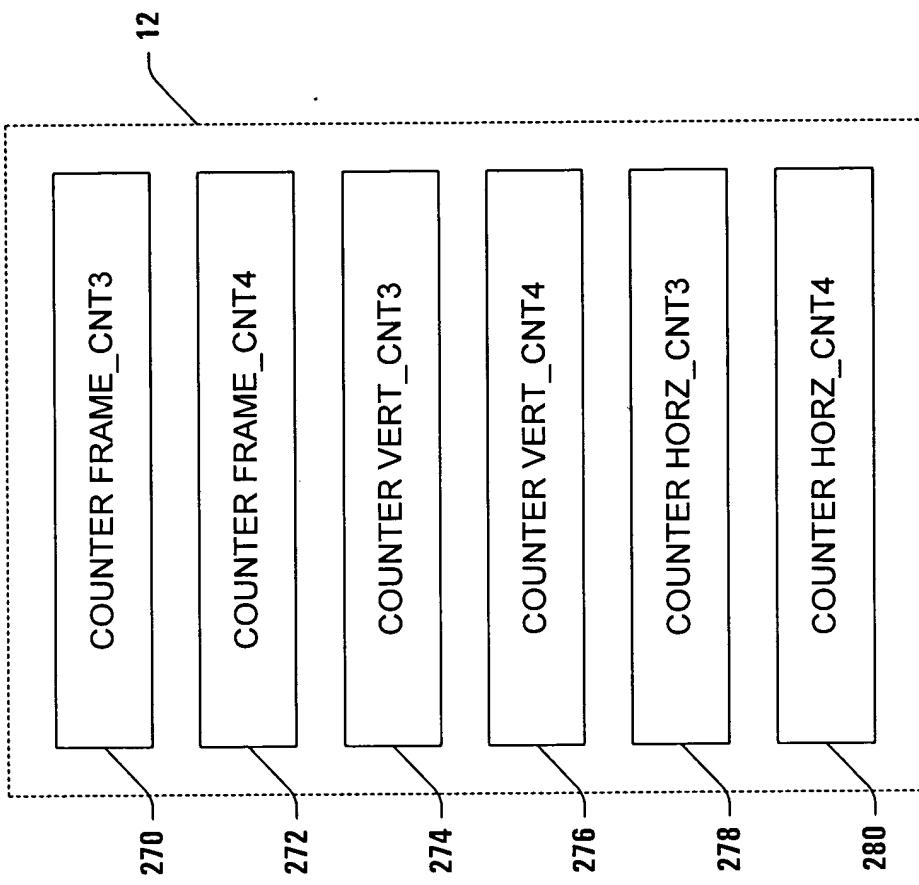
BG\_OFFSET

**FIG. 16E**

**FIG. 17**



**FIG. 18**



	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	HORZ															
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
D15	D14	D13	D12	D11	D10	D9	D8	D7	D6	D5	D4	D3	D2	D1	D0	

GRAYSCALE LUT

282 →

## FIG. 19



FRAME	Vert	Horz	Cir	HCNT (pixels)	11	11	11	10	10	10	01	01	01	01	00	00	00	00	GSLLT Address *4
	Cir	Cir	Cir	register address	D15	D14	D13	D10	D11	D10	D9	D8	D7	D6	D5	D4	D3	D2	Pixel
D18		D17	D16	base + 0x80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Value
X	X	X	X	base + 0xA0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000
				base + 0xC0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000
				base + 0xE0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000
				base + 0x9C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111
				base + 0xBC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111
				base + 0xDC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111
				base + 0xFC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111

302

## FIG. 21

304 →

FRAME 0	V	H	O	R	Z
E	1	1	1	1	
R	1	1	1	1	
T	1	1	1	1	

FRAME 1	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0

FRAME 3	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0

FRAME 2	1	1	1	1	1
	1	1	1	1	1
	1	1	1	1	1
	1	1	1	1	1
	1	1	1	1	1

FIG. 22

306 →

FRAME 0	V	H	O	R	Z
E	1	0	1	0	
R	1	0	1	0	
T	1	0	1	0	

FRAME 1

0	1	0	1
0	1	0	1
0	1	0	1
0	1	0	1

FRAME 3

0	1	0	1
0	1	0	1
0	1	0	1
0	1	0	1

FRAME 2

1	0	1	0
1	0	1	0
1	0	1	0
1	0	1	0

FIG. 23

308 →

		H	O	R	Z
FRAME 0	V	1	1	0	0
E	1	0	1	0	
R	0	0	1	1	
T	1	0	1	0	

FRAME 1

0	0	1	1
0	1	0	1
1	1	0	0
0	1	0	1

FRAME 3

0	1	0	1
0	0	1	1
0	1	0	1
1	1	0	0

1	0	1	0
1	1	0	0
1	0	1	0
0	0	1	1

FRAME 2

**FIG. 24**

FRAME	Vert	Horz	V_CNT (lines)	11	11	11	11	10	10	01	01	01	00	00	00	00	GSUUT Address 44
Ctr	Ctr	Ctr	H_CNT (pixels)	11	10	01	00	11	10	01	00	11	10	01	00	00	Pixel
D18	D17	D16	register address	D15	D14	D13	D12	D11	D10	D9	D8	D7	D6	D5	D4	D3	FRAME
1	1	1	base + 0x8C	0	1	0	1	0	0	0	1	0	1	0	1	0	011
			base + 0xAAC	-	0	1	0	0	0	1	1	0	1	0	1	0	011
			base + 0xCC	1	1	0	0	0	1	0	0	1	1	0	1	0	011
			base + 0xEC	0	0	1	1	0	1	0	1	1	0	0	1	0	011

FIG. 25

**FIG. 26**

312 →		H	O	R	Z	
FRAME 0	V	1	0	0		FRAME 1
E		0	1	0		
R		0	0	1		
T						

FRAME 2	0	0	1	
	1	0	0	
	0	1	0	

314 → H O R Z

FRAME 0	V	1	0	0
E	0	0	1	
R	0	1	0	

T

FRAME 1

0	1	0
0	1	0
0	0	1

FRAME 2

0	0	1
1	0	0
1	0	0

FIG. 27

FRAME	Vert	Horz	VCNT (lines)	11	11	11	10	10	01	01	01	00	00	00	GSIUT Address *4
Cir	Ctr	Ctr	HCNT (pixels)	11	10	01	00	11	10	01	00	11	10	01	00
D18	D17	D16	register address	015	014	013	012	011	010	009	008	007	006	005	Pixel Value
0	0	0	base + 0x88	x	x	x	x	x	x	1	0	0	0	0	010
			base + 0xA8	x	x	x	x	x	x	0	0	1	0	1	010
			base + 0xC8	x	x	x	x	x	x	0	1	0	1	0	010
			base + 0xE8	x	x	x	x	x	x	x	x	x	x	11	010

316 →

FIG. 28

**318** → H O R Z

FRAME 0	V	1	0	0	0
E	0	0	1	1	
R	0	1	0	0	
T					

FRAME 1

0	1	0	0
0	1	0	0
0	0	1	1

FRAME 2

0	0	1	1
1	0	0	1
1	0	0	0

**FIG. 29**

FRAME	Vert	Horz	VCNT (lines)	11	11	11	10	10	10	01	01	01	00	00	00	00	GSLUT Address *4
Cir	Cir	Cir	HCNT (pixels)	11	10	01	00	11	10	01	00	11	10	01	00	00	Pixel
D18	D17	D16	register address	015	014	013	012	011	010	009	008	007	006	005	004	003	FRAME
0	0	0	base + 0x88	x	x	x	x	o	o	1	0	1	0	0	0	0	010
			base + 0xA8	x	x	x	x	1	1	0	0	0	1	0	1	0	010
			base + 0xC8	x	x	x	x	0	0	1	1	0	0	1	1	0	010
			base + 0xE8	x	x	x	x	x	x	x	x	x	x	x	x	010	

320 →

FIG. 30

Display Type	Horizontal Resolution x Vertical Resolution	Video Clock frequency (MHz)	Frame Buffer Storage format	Display Data format	pixels per shift clock	Pixel Shift Clock frequency (MHz)	Vertical Frame Rate (Hz)
VFD	128 x 32	2	4 bpp	monochrome	8	0.25	400
LCD	128 x 64	2	4 bpp	monochrome	4	0.5	230
LCD	256 x 128	2	4 bpp	monochrome	4	0.5	60
"QVGA" TFT LCD	320 x 234	6.4	8 bpp	analog	1	6.4	80
QVGA STN LCD	320 x 240	4	4 bit RGB	4 bit RGB	1	4	50
HVGA STN LCD	640 x 240	8	4 bit RGB	4 bit RGB	1	8	50
"VGA" DC Plasma	640 x 400	16	4 bpp	monochrome	4	4	60
VGA EL	640 x 480	24	4 or 8 bpp	grayscale	8	3	75
VGA STN LCD	640 x 480	24	8 or 16 bpp	18 bit RGB	1	24	75
VGATFT LCD	640 x 480	24	8, 16, or 24 bpp	18 bit RGB	1	24	75
VGA CRT	640 x 480	25.175	8, 16, or 24 bpp	analog	1	NA	70
VGA CRT	640 x 480	32	8, 16, or 24 bpp	analog	1	NA	85
SVGA TFT LCD	800 x 600	40	8, 16, or 24 bpp	18 bit RGB	1	40	80
SVGA CRT	800 x 600	50	8, 16, or 24 bpp	analog	1	NA	85
XGA TFT LCD	1024 x 768	60	8, 16, or 24 bpp	18 bit RGB	2	30	72
XGA CRT	1024 x 768	75	8, 16, or 24 bpp	analog	1	NA	80
SXGA TFT LCD	1280 x 1024	85	8, 16, or 24 bpp	18 or 24 bit RGB	1	85	60
SXGA CRT	1280 x 1024	110	8, 16, or 24 bpp	analog	1	NA	70
SXGAW TFT LCD	1400 x 1024	90	8, 16, or 24 bpp	18 or 24 bit RGB	1	90	60
SXGA+ TFT LCD	1400 x 1050	110	8, 16, or 24 bpp	18 or 24 bit RGB	1	110	70
UXGA TFT LCD	1600 x 1200	135	8, 16, or 24 bpp	18 or 24 bit RGB	1	135	65
UXGA CRT	1600 x 1200	135	8, 16, or 24 bpp	analog	1	NA	60
UXGAW TFT LCD	1900 x 1200	135	8, 16, or 24 bpp	18 or 24 bit RGB	1	135	60
HDTV-2 LCD	1280 x 720	50	8, 16, or 24 bpp	24 bit RGB	1	50	50
HDTV-2 CRT	1280 x 720	66	8, 16, or 24 bpp	analog	1	NA	60
HDTV-4 LCD	1920 x 1080	135	8, 16, or 24 bpp	24 bit RGB	1	135	60
HDTV-4 CRT	1920 x 1080	135	8, 16, or 24 bpp	analog	1	NA	55
QXGA LCD	2048 x 1536	135	4 bpp	monochrome	8	16.875	40
QSXGA LCD	2560 x 2048	135	4 bpp	monochrome	8	16.875	24
QUXGA LCD	3200 x 2400	135	4 bpp	monochrome	8	16.875	17

FIG. 31

**FIG. 32**

